

## Product datasheet for **SC336899**

### **GAS2L3 (NM\_001303131) Human Untagged Clone**

#### **Product data:**

|                           |                                            |
|---------------------------|--------------------------------------------|
| Product Type:             | Expression Plasmids                        |
| Product Name:             | GAS2L3 (NM_001303131) Human Untagged Clone |
| Tag:                      | Tag Free                                   |
| Symbol:                   | GAS2L3                                     |
| Synonyms:                 | G2L3                                       |
| Mammalian Cell Selection: | Neomycin                                   |
| Vector:                   | pCMV6-Entry (PS100001)                     |
| E. coli Selection:        | Kanamycin (25 ug/mL)                       |



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**Fully Sequenced ORF:** >SC336899 representing NM\_001303131.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAGAAAAGTGCCCTGTAAGAAAGATGCTGCATCAGGTTCACTTTGCTCGGGACAATACCGCAAAC
TTCCTTCACTGGTGTAGGACATTGGGGTTGATGAACTTACCTCTTTGAATCTGAAGGTTTAGTTTTG
CACAAAGATCCAAGACAGGTGTATCTTTGTCTTCTTGAAATTGGTCGAATTGTGTCAAGATACGGGGTT
GAGCCACCACTGTTAGTAAACTTGAGAAAGAAATTGAGTTAGAAGAGACTTTGCTTAATACTTCTGGG
CCTGAAGATTCCATCAGCATTCCAAATCATGCTGTCGGCATGAAGAGCTACATGAAGCTGTAAACAT
ATTGCTGAGGACCCTCCTGTAGTTGTTCTCATCGATTTTCTATTGAGTATTTATCTGAAGGACGGTAC
CGACTAGGGGATAAAATACTCTTTATAAGAATGCTTCATGAAAACATGTCATGGTTCGCGTTGGTGGA
GGCTGGGATACTTTCAAGGATTTTGTCTAAATATGACCCCTGTGAATATTACAGTTTGCCACATTA
GAACAAAAATTTAGCATTTCAAAAAGGAGTTTCTAATGAAAGGTACCTGATTCGCCTGCCAGAAC
CCTCAGCCTCCTGAAATGAATCCTTTGTCAGCAGTTAACATGTTTCAGAAACAAAATTCAAACCCAGC
GTGCCAGTTAGTATTCCAAAAGCAAAGAAAAACAGGGACGTCCACCAGGTGCATTGGTGCCAGCATCT
TCACTGAAAGGAGGTAATCTGGGCTCTATGTCAGTCCGTTCTAAATTGCCAAATTCTCCAGCAGCATCT
TCTCATCCCAAGCTCAAGTCTTCAAAGGCATAACGAAGAAACCGCAGGCTCCTTCAAACATGCATCA
TCTTCACTTGCTTCATTAATCCAGTAGGTAAAAACACTTCTTACCAGCTTTACCAAGAACTGCACCT
TGATATCTGAGTCACCGAGAAAATGTATTTATCCCCCAATACCCCAAGGCCAAGGTTATTCCAGCC
CAGAATTCAGCAGATCTGCCGAGTCCACACTTTTGCCAAATAAGTGTTCCAGGAAAACTCAACCTAAG
TATTTGAAACATAATCATATTTCTTCCAGAGATAATGCAGTATCTCACTTAGCTGCACATTCAAATTCA
TCCTCAAAATGTCCCAAGCTGCCTAAAGCAAATATACCTGTAAGACCTAAACCTTCTTTCCAGTCCCTCT
GCAAAAATGACAAAAACAGTTCCAAAACCATAGCCACGGGTCTAGGAACACAGTCTCAACCATCCGAT
GGAGCCCCACAAGCAAAGCCAGTCCCAGCACAGAACTTAAATCGGCCTTGAATTTAAATCAGCCAGTT
TCTGTGCTCCTCAGTTTCTCCTGTAAAAGCCACACAGAAATCAAAGATAAGAATATAGTTTCAGCTACC
AAAAAGCAGCCTCAGAATAAAAGTGCATTTCAGAAGACAGGACCCAGCTCCTTGAAGTCTCCTGGCCGT
ACCCCACTGTCCATCGTGAGCCTACCCAGTCTTCTACCAAAACACAACTGCACCGAAGTCAGCACAG
ACTGTCGTAAGAGCCAGCATTTCACTAAAGGGCCTCCAGAAGTGGCAAAACCCAGCTTCAATCAGG
AAACCCCTCATCTGTTAAGGATGCAGATAGTGGAGATAAAAAACCTACTGCAAGAAAAAGGAAGAT
GATGACCATTATTTGTCATGACTGGAAGTAAGAAACCTAGAAAATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001303131

**Insert Size:** 1773 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** NM\_001303131.1

**RefSeq Size:** 6131 bp

**RefSeq ORF:** 1773 bp

**Locus ID:** 283431

**Cytogenetics:** 12q23.1

**MW:** 63.6 kDa

**Gene Summary:** Cytoskeletal linker protein. May promote and stabilize the formation of the actin and microtubule network.[UniProtKB/Swiss-Prot Function]  
 Transcript Variant: This variant (3) has multiple differences compared to variant 1. These differences result in a distinct 5' UTR and cause translation initiation at a downstream start codon compared to variant 1. The encoded protein (isoform b) is shorter than isoform a.  
 Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.